

**Version with Markings to Show Changes Made**

**In the Claims:**

Please amend the claims as follows:

1. A composition for topical application comprising polar hydrophilic salts mixed with non-polar unsaponifiables, which are products of hydrolysis of organic materials, said organic materials further initially comprising at least 6 weight percent unsaponifiable materials prior to the hydrolysis of the organic materials.
2. The composition of claim 1 wherein said organic materials were pre-treated prior to hydrolysis, said pre-treatment selected from the group of treatments consisting of alkoxylation, polymerization, acetylation, oxidation, reduction, concentration, hydrogenation, partial hydrogenation, interesterification, double bond modification, randomization, and refinement.
3. The composition of claim 2 wherein said pre-treated organic materials further comprises extracts selected from the group consisting of amaranth seed oil, anise seed oil, avocado seed oil, barley oil, briza oil, buck wheat oil, candelilla wax, carnuba wax, cassia occidentalis oil, coffee bean oil, deoiled lecithin, dog fish oil, esparto wax, oils from fungi and other microorganisms, guayule plant extract, jojoba oil, jurinea oil, lanolin, laurel berry oil, olestra (OLEAN), olive oil concentrate (phytosqualene), olive seed oil, orange roughy oil, ouricury wax, quinoa seed oil, rye germ oil, shark liver oil, shea butter, sperm whale oil, sugar cane wax, sunflower wax, tall oil, tall oil distillate, Vegepure from wheat grains, and wheat germ oil.

4. The composition of claim 1 comprising at least 20% by weight of unsaponifiables.
5. The composition of claim 2 comprising at least 20% by weight of unsaponifiables.
6. A substantive composition comprising the composition of claim 1 in combination with at least one ingredient selected from the group consisting of emollients, conditioners, pigments, dyes, pharmaceuticals, ultraviolet radiation absorbers, physical radiation blocks, insect repellants, animal repellants, insecticides, pesticides, herbicides, animal attractants, fragrances, and hormones.
7. A substantive composition comprising the composition of claim 2 in combination with at least one ingredient selected from the group consisting of emollients, conditioners, pigments, dyes, pharmaceuticals, ultraviolet radiation absorbers, physical radiation blocks, insect repellants, animal repellants, insecticides, pesticides, herbicides, animal attractants, fragrances, and hormones.
8. A substantive composition comprising the composition of claim 4 in combination with at least one ingredient selected from the group consisting of emollients, conditioners, pigments, dyes, pharmaceuticals, ultraviolet radiation absorbers, physical radiation blocks, insect repellants, animal repellants, insecticides, pesticides, herbicides, animal attractants, fragrances, and hormones.
9. A substantive composition comprising the composition of claim 5 in combination with at least one ingredient selected from the group consisting of emollients, conditioners, pigments, dyes, pharmaceuticals, ultraviolet radiation absorbers, physical radiation blocks, insect repellants, animal repellants, insecticides, pesticides, herbicides, animal attractants, fragrances, and hormones.

10. A method of providing substantive benefits to an animal subject comprising applying the composition of claim 1 to the hair, skin, scales, or feathers of an animal subject.
11. A method of providing substantive benefits to an animal subject comprising applying the composition of claim 2 to the hair, skin, scales, or feathers of an animal subject.
12. A method of providing substantive benefits to an animal subject comprising applying the composition of claim 6 to the hair, skin, scales, or feathers of an animal subject.
13. A method of providing substantive benefits to an animal subject comprising applying the composition of claim 7 to the hair, skin, scales, or feathers of an animal subject.
14. A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 1 to the surface of the botanical subject.
15. A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 2 to the surface of the botanical subject.
16. A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 6 to the surface of the botanical subject.
17. A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 7 to the surface of the botanical subject.
18. A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 1 to the surface of the inanimate object.
19. A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 2 to the surface of the inanimate object.

20. A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 6 to the surface of the inanimate object.
21. A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 7 to the surface of the inanimate object.
22. A composition for topical application comprising polar hydrophilic salts mixed with non-polar unsaponifiables, which are products of hydrolysis of organic materials, said organic materials further initially comprising at least 6 weight percent long carbon chain materials, said long carbon chain materials having at least 18 carbons in length.
23. The composition of claim 22 wherein said organic materials were pre-treated prior to hydrolysis, said pre-treatment selected from the group of treatments consisting of alkoxylation, polymerization, acetylation, oxidation, reduction, concentration, hydrogenation, partial hydrogenation, interesterification, double bond modification, randomization, and refinement.
24. The composition of claim 23 wherein said pre-treated organic materials further comprises extracts selected from the group consisting of amaranth seed oil, anise seed oil, avocado seed oil, barley oil, briza oil, buck wheat oil, candelilla wax, carnuba wax, cassia occidentalis oil, coffee bean oil, deoiled lecithin, dog fish oil, esparto wax, oils from fungi and other microorganisms, guayule plant extract, jojoba oil, jurinea oil, lanolin, laurel berry oil, olestra (OLEAN), olive oil concentrate (phytosqualene), olive seed oil, orange roughy oil, ouricury wax, quinoa seed oil, rye germ oil, shark liver oil, shea butter, sperm whale oil, sugar cane wax, sunflower wax, tall oil, tall oil distillate, Vegepure from wheat grains, and wheat germ oil.

25. The composition of claim 22 comprising at least 20% by weight of unsaponifiables.
26. The composition of claim 23 comprising at least 20% by weight of unsaponifiables.
27. A substantive composition comprising the composition of claim 22 in combination with at least one ingredient selected from the group consisting of emollients, conditioners, pigments, dyes, pharmaceuticals, ultraviolet radiation absorbers, physical radiation blocks, insect repellants, animal repellants, insecticides, pesticides, herbicides, animal attractants, fragrances, and hormones.
28. A substantive composition comprising the composition of claim 23 in combination with at least one ingredient selected from the group consisting of emollients, conditioners, pigments, dyes, pharmaceuticals, ultraviolet radiation absorbers, physical radiation blocks, insect repellants, animal repellants, insecticides, pesticides, herbicides, animal attractants, fragrances, and hormones.
29. A substantive composition comprising the composition of claim 25 in combination with at least one ingredient selected from the group consisting of emollients, conditioners, pigments, dyes, pharmaceuticals, ultraviolet radiation absorbers, physical radiation blocks, insect repellants, animal repellants, insecticides, pesticides, herbicides, animal attractants, fragrances, and hormones.
30. A substantive composition comprising the composition of claim 26 in combination with at least one ingredient selected from the group consisting of emollients, conditioners, pigments, dyes, pharmaceuticals, ultraviolet radiation absorbers, physical radiation blocks, insect repellants, animal repellants, insecticides, pesticides, herbicides, animal attractants, fragrances, and hormones.

31. A method of providing substantive benefits to an animal subject comprising applying the composition of claim 22 to the hair, skin, scales, or feathers of an animal subject.
32. A method of providing substantive benefits to an animal subject comprising applying the composition of claim 23 to the hair, skin, scales, or feathers of an animal subject.
33. A method of providing substantive benefits to an animal subject comprising applying the composition of claim 27 to the hair, skin, scales, or feathers of an animal subject.
34. A method of providing substantive benefits to an animal subject comprising applying the composition of claim 28 to the hair, skin, scales, or feathers of an animal subject.
35. A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 22 to the surface of the botanical subject.
36. A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 23 to the surface of the botanical subject.
37. A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 27 to the surface of the botanical subject.
38. A method of providing substantive benefits to a botanical subject comprising applying the composition of claim 28 to the surface of the botanical subject.
39. A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 22 to the surface of the inanimate object.
40. A method of providing substantive benefits to an inanimate object comprising applying the composition of claim 23 to the surface of the inanimate object.

In re Application of:  
Serial No.:  
Atty. Docket No.:

Brown  
09/478,071  
511-003

Art Group:  
Examiner:  
1616  
Levy, N.

41. A method of providing substantive benefits to an inanimate object comprising  
applying the composition of claim 27 to the surface of the inanimate object.

42. A method of providing substantive benefits to an inanimate object comprising  
applying the composition of claim 28 to the surface of the inanimate object.

In re Application of:  
Serial No.:  
Atty. Docket No.:

Brown  
09/478,071  
511-003

Art Group:  
Examiner:

1616  
Levy, N.

## REMARKS

Claims 1-47 were pending. Claims 43-47 were withdrawn from consideration. Thus, claims 1-42 are currently pending.

The examiner has requested that the applicant identify a single species of treatment , of extract and of active agent.

The applicant has requested election of hydrolysis for the treatment method, as previously discussed telephonically with the examiner.

The applicant has requested election of wax ester containing oils and waxes, and their equivalents, as the species, as previously discussed telephonically with the examiner.

The applicant has requested election of emollients and conditioners as the active agent, as previously discussed telephonically with the examiner.

The applicant believes that all currently pending claims read upon these elections.

At this time, the applicant would like to submit newly discovered prior art that is felt to be related to the present application, a copies of which are included herein for the examiner. In light of these newly discovered prior art references, the applicant has amended claims 1 and 22 above to clarify the exact nature of the instant invention.

Therefore, the applicant urges the examiner to find the currently pending claims patentably distinct and pass them on to issuance.

In re Application of:  
Serial No.:  
Atty. Docket No.:

Brown  
09/478,071  
511-003

Art Group:  
Examiner:  
1616  
Levy, N.

Respectfully submitted,

Date: 6/27/01

  
Kristofer Halvorson, Reg. No. 39,211  
The Halvorson Law Firm, P.C.  
Attorneys for Applicant  
405 W. Southern Ave., Suite 1  
Tempe, Arizona 85282  
(480) 449-3600

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage paid, in an envelope addressed to: Box Fee Amendment, Assistant Commission for Patents, Washington, D.C. 20231

on 6/27/01

By: 